ADDENDUM TO THE

FINAL DRAFT FOCUSED FEASIBILITY STUDY

Recalculated Time Frames to Reach Remediation Goals for Chromium

From: "Hansen, Patrick" <PHansen@trcsolutions.com>
Date: March 31, 2015 at 3:27:39 PM EDT
To: "Henry, Sherrel" <Henry.Sherrel@epa.gov>
Subject: time to cleanup

Sherrel,
As discussed, TRC re-ran the groundwater models, incorporating the accomplishments (reduction of chromium concentrations) of the 2014 injections, and recalculating the time to cleanup for in situ.

As suspected, the time to achieve MCLs is even better for chromium. The revised time to cleanup numbers are as follows:

	Chromium—In Situ	Chromium-P&T	TCE---In Situ	TCE—P&T
Upper	*50 ~~120~~ years*	440 years	*30 years*	80 years
Lower	*200 ~~310~~ years*	660 years	*40 years*	100 years

So, In situ is 3-8 times faster for chromium, and 2.5 times faster for TCE.

You'll recall that the numbers are not in the FS, in this detail, but we wanted the EPA to have the most current numbers, as they prepare for the April Proposed Plan.

There is a great story here! After 5 years of EPA oversight, the OU1 time of cleanup has been reduced by hundreds of years!

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